	<i>.</i>	Claims	

Claim

Application No.	Applicant(s)
10/614,778	SANO ET AL.
Examiner	Art Unit
Long Pham	2814

Rejected	-	(Through numeral) Cancelled						
Allowed	÷	Restricted						

N	Non-Elected	A	Appeal
ı	Interference	0	Objected

81 82 83 84 85 86 87 88 89 90 140 91 91 92 93 94 94 95 96 99 148 99 148 99 148		Date			Date Claim Date									Claim Date																
S2	a service			:				Finat	Original						:					Final										
53 103 54 104 55 105 56 106 57 107 58 108 59 109 60 110 61 111 62 112 63 113 64 114 65 115 66 116 67 117 68 118 19 99 119 120 71 121 72 122 73 123 74 124 75 125 76 126 77 127 78 128 79 129 80 130 131 131 82 132 83 133 134 134 85 135 86 133	7]												ĺ		101									
54 104 55 105 56 106 57 107 58 108 59 109 60 110 61 111 62 112 63 113 64 114 65 115 66 116 67 117 68 118 69 119 70 120 71 121 72 122 73 124 75 125 76 122 77 122 78 125 79 122 80 130 81 131 82 133 83 133 84 134 85 135 86 133 87 137 88 133]														102						_	_		
55 56 105 106 107 108 108 108 108 108 109 109 109 109 109 110 111	$\perp \perp$				_		_			_	_			\perp											_	4	_	_	_	\Box
56 106 57 107 58 108 60 109 60 110 61 111 62 112 63 1113 64 114 65 115 66 116 67 117 68 118 69 119 70 120 71 121 72 122 73 123 74 124 75 125 76 126 77 127 78 128 79 129 80 130 81 131 82 132 83 133 84 134 85 135 86 136 87 137 88 133 89 133	$\perp \perp$		\sqcup		_	\perp	4		54		_	_	\downarrow	\dashv	_	_	_		.		104		_	_	\perp	4	\dashv	_	_	-
57 107 58 108 59 109 60 110 61 111 62 112 63 113 64 114 65 115 66 116 67 117 68 118 69 119 70 120 71 121 72 122 73 123 74 124 75 125 76 126 77 127 78 128 79 129 80 130 81 131 82 132 83 133 84 134 85 135 86 136 87 139 90 140 91 141 92 142	\dashv	_	Ш		_	_	4.			\dashv	\perp	\perp	4	-	_		-	_			105	\perp	_			-				
58 108 59 109 60 110 61 111 62 112 63 113 64 114 65 115 66 116 67 117 68 118 69 119 70 120 71 121 72 122 73 123 74 124 75 125 76 126 77 127 78 128 79 129 80 130 81 131 82 132 83 133 84 134 85 135 86 136 87 137 88 138 89 139 90 140 91 141			Ш		_		4				4	1	4	-	_								_	-	- -	-				-
59	\dashv	-	\vdash	_	-		-				4	+	+	\dashv					٠.					-	- -	+		\dashv		\dashv
60 110 111 111 113 114 115 115 115 116 116 116 116 117 1			\vdash	-	+	+	╣.				+	+	+	\dashv	-		-	-	- 1		100		+	+	+	+	\dashv	-		
61			\vdash	-	+	+	-			\dashv	+	+	+	\dashv		\dashv	\dashv	_				+	-	+	+	╁	-		_	-
62	\dashv	+	\vdash	\dashv	\dashv		┨		61	\dashv	+	+		ᆉ	-		┰			-	111		-	-		+		-	_	
63	++		╁		\dashv	+	┪				+	\pm	1	+	-		-+						+	+	+	+	一			
64 114 65 115 66 116 67 117 68 118 69 119 70 120 71 121 72 122 73 123 74 124 75 125 76 126 77 127 78 128 79 129 80 130 81 131 82 132 83 133 84 134 134 134 85 135 86 136 87 137 88 138 89 139 90 140 91 141 92 142 93 143 94 144 95 146 97 147 98 148 99 149 <td>$\dashv \dashv$</td> <td></td> <td>H</td> <td>\dashv</td> <td>\dashv</td> <td>_</td> <td>┨</td> <td></td> <td></td> <td>\dashv</td> <td>+</td> <td>+</td> <td>\dashv</td> <td>7</td> <td>-</td> <td>\dashv</td> <td>+</td> <td>\dashv</td> <td></td> <td></td> <td>113</td> <td></td> <td>1</td> <td>+</td> <td>\dashv</td> <td>+</td> <td>-</td> <td>_</td> <td></td> <td></td>	$\dashv \dashv$		H	\dashv	\dashv	_	┨			\dashv	+	+	\dashv	7	-	\dashv	+	\dashv			113		1	+	\dashv	+	-	_		
65 66 115 116 117 68 118 69 119 70 120 71 121 121 122 122 123 123 124 124 125 126 77 127 78 128 79 129 80 130 81 131 131 82 129 83 133 84 134 85 135 86 87 88 138 88 89 139 90 140 91 141 142 93 144 144 95 96 99 149 149 99 149 149 148 148 148 148 149	+	_	\vdash	\dashv	\dashv	+	1				+	+	\dashv	寸	一	_	_					<u> </u>	T	+		_	_	_	_	\neg
116	11	\dashv	\vdash			\neg	1			1	_	_	\dashv	7	\dashv		1				115		\top	\top	\top	十	\dashv	\neg		\neg
67	11			\neg			1				十	\top	\top		ヿ								7	\top	T	T	\neg	ヿ		
68	11	_			\neg	\neg	1				十	十	\dashv	T	一		\neg				117		Ì		Ť	1				
70						_	1				T		\neg								118		\neg		\top					
71																														
72									70										.*		120									
73													\perp								121				\perp	1	_			
74 124 125 75 126 126 77 127 128 79 129 129 80 130 131 81 132 132 83 133 134 85 136 135 86 136 137 88 137 138 89 139 140 90 140 141 92 142 143 93 144 145 96 146 147 98 148 149							_			\Box	_1										122			4	\perp	4	_	_		
75	_ _					_	4		73	\rightarrow	4	_	_		_	_	4				123		\perp	\perp	4	4	_	_	_	
76 126 77 128 79 129 80 130 81 131 82 132 83 133 84 134 85 135 86 136 87 137 88 138 139 139 90 140 91 141 92 142 93 143 143 144 95 146 97 148 148 99		_				- -	4.	<u> </u>		\dashv	\perp	-	-	_				_	. 1		124		4	-	4	4		-		\dashv
77 127 78 128 79 129 80 130 81 131 82 132 83 133 84 134 85 136 86 136 87 138 88 139 90 140 91 141 92 144 93 143 144 94 145 96 146 97 98 99	\perp	<u> </u>	-		_		4	<u> </u>		-	-	+	-	_	_			_			125		+	+	+	+		-1		
78 128 129 129 80 130 81 131 82 132 83 133 84 134 85 135 86 136 87 137 88 138 89 139 90 140 91 141 92 142 93 143 94 144 95 145 146 97 98 148 99 149	+	_	\vdash			- -	-	<u> </u>	76			+	+	-+		\dashv	+	-	٠,,		120		+			+		-		
79 129 80 130 81 131 82 132 83 133 134 134 85 135 86 136 87 137 88 138 139 139 90 140 91 141 92 142 93 143 144 95 145 146 97 147 98 148 148 99	+			-	-	+		<u> </u>			-+	+	+	\dashv	-	\dashv	+	-1			128		+	+	-	+	-	-		
80 130 81 131 82 132 83 133 84 134 85 135 86 136 87 137 88 138 139 139 140 141 92 144 93 143 144 145 96 146 97 148 99 149		\dashv	\vdash		-	+	-			\dashv	-+	\dashv	-+	-+	-		-	-			120		-	+	+	+	-	-		
81 131 82 132 83 133 84 134 85 135 86 136 87 137 88 138 89 139 90 140 91 141 92 144 93 143 94 144 95 145 96 146 97 147 98 148 99 149		+	\vdash	-	\dashv		+::					╅	-+	-+	\dashv	\dashv	\dashv	-			130		+	+	\dashv	+	-	-		
82	1	\dashv	1 1	\dashv	\dashv	-	┨.	\vdash		\dashv	\dashv	\dashv	\dashv		\dashv	\dashv	+	_			131		+	+	-	ł			_	
83	$H \rightarrow$	_	\vdash	\dashv	\dashv		٦,			\dashv	+	十	\dashv	_		一	Ì	<u> </u>			132	十	-	_	\top	+		寸		_
84 134 85 135 86 136 137 137 88 138 139 139 90 140 91 141 92 142 93 143 94 144 95 144 96 146 97 147 98 148 99 149				_	\neg	\dashv	┪.			1		\dashv	\dashv		\neg	\neg	\dashv				133	_	\top		T	7		T		_
85	НП	1	\sqcap	一		_	1			\Box	\dashv	十	7	\exists		\neg	\neg	\neg			134		7	T	T	1				
86 136 87 137 88 138 89 139 90 140 91 141 92 142 93 143 94 144 95 144 96 145 97 147 98 148 99 149			П		\neg	\neg	1														135	_								
88 138 89 139 90 140 91 141 92 142 93 143 94 144 95 145 96 146 97 148 99 149]		86		Ⅱ	\Box									136	\Box	Ι							
89 90 140 91 141 92 142 93 143 94 144 95 146 97 148 99]		87			$oldsymbol{\perp}$	\Box								137				\perp	$oldsymbol{\mathbb{I}}$	╛			
90 140 141 141 142 143 144 144 145 145 146 147 148 149 1																					138							1		
91 141 142 143 143 144 145 145 146 147 148 199 149 149							_			\Box	\perp	\perp	_	_		_	_	_			139		4				_	_		Щ
92 93 94 94 95 96 96 97 97 98 98 148 99 149					\perp		4					\perp	\perp					_					_	_	\perp	_	_			
93 143 144 145 145 146 147 147 148 159 149 149	\sqcup						4		91	\perp	4	\perp	4	_		_	_	_			141	_	4	4	_ _	4		_	_	
94 144 145 145 146 97 147 98 148 99 149							4		92	Щ	4	_ _	_	_		_	_	4			142		_	_	_	4				
95 96 97 97 98 98 148 99 149	\sqcup	_		_	_	_ _	4	<u> </u>		$\vdash \vdash$	4	_	-	-		-	-	4			143	-	4	_	-	4	_			_
96 97 98 98 148 99 149	\sqcup		\vdash			-	4		94		_	-	-			\dashv	\dashv			<u> </u>	144	-4	-	-	+	-				
97 98 98 148 149	+		\vdash		\dashv		-		95	$\vdash \vdash$		+	\dashv	\dashv		_	-+	\dashv			145	\dashv	+	+	+	+	-	\dashv	_	\vdash
98 148 149	1		 		-+		-		90	$\vdash \vdash$	\dashv	\dashv	\dashv	\dashv			-+	\dashv		 	140	\dashv	+	+	+	+		-		\vdash
99 1 149 149	// 		\vdash		\dashv	+	┥.			$\vdash \vdash$	+	+	\dashv	\dashv	-		\dashv	\dashv			1/12	+	+	-+	+	+	-	-	_	
<u> </u>	+		\vdash	-	\vdash	-	Η΄	<u> </u>	90	$\vdash \vdash$	+	+	+	-+	-	\dashv	\dashv	\dashv		<u> </u>	140	\dashv	+	+	+	+	ᅱ			H
	++	+	\vdash	\dashv	\dashv	+	١.		100	\vdash	+	\dashv	\dashv	-	_		+	\dashv		 	150	\dashv	+	+	\dashv	┪	ᅱ	\dashv	-	Н